

Untitled

Title: US- 10- 682- 130- 2
Perfect score: 24
Sequence: 1 tt aggggt t aggggt t aggggt t aggg 24

AAQ52411/ c

ID AAQ52411 standard; DNA; 24 BP.

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AC AAQ52411;

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DT 25- MAR- 2003 (revised)

DT 02- JUN- 1994 (first entry)

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DE Human telomere length detection primer #1.

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KW Human; telomere; cell division; primer; cell cycle; senescence; ss.

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OS Synthetic.

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PN ~~W~~09323572- A1.

XX

PD 25- NOV- 1993.

XX

PF 13- MAY- 1993; 93~~W~~0- US004546.

XX

PR 13- MAY- 1992; 92US- 00882438.

PR 24- MAR- 1993; 93US- 00038766.

XX

PA (GERO-) GERON CORP.

PA (UYCA-) UNI V CALI FORNI A SAN FRANCI SCO.

XX

PI ~~W~~est MD, Shay J, ~~W~~ight ~~W~~ Blackburn EH;

XX

DR ~~W~~PI; 1993- 386602/ 48.

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PT Therapy and diagnosis of conditions involving telomerase using inhibitor
PT - partic. for neoplasia, infection with pathogenic parasites and age-
PT related diseases.

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PS Example 4; Page 75; 186pp; English.

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CC The sequences given in AAQ52410- 12 represent a probe and two primers
CC repectively which were used to determine telomere length and therefore
CC the lifespan of a cell. The probe recognises terminal restriction
CC fragments produced by digestion of DNA with a 4 bp recognition site
CC restriction enzyme. The primers can be used to amplify telomeric DNA in
CC the presence of only dATP, dTTP and dCTP. (Updated on 25- MAR- 2003 to
CC correct PN field.) (Updated on 25- MAR- 2003 to correct PA field.)

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SQ Sequence 24 BP; 8 A; 12 C; 0 G; 4 T; 0 U; 0 Other;

Query Match 100.0% Score 24; DB 2; Length 24;

Best Local Similarity 100.0% Pred. No. 1.8;

Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Gy 1 TTAGGGTTAGGGTTAGGGTTAGGG 24

Db 24 TTAGGGTTAGGGTTAGGGTTAGGG 1